

ABSTRACT

The invention provides tools and techniques for enhancing the security of information by misdirecting unauthorized parties, so they believe they have decrypted a message and obtained protected information when in fact they have only obtained the plaintext the information's owners wanted them to obtain. Thus, the invention provides tools and techniques for using different decryption keys to surreptitiously provide different decryption results for what is apparently a single encrypted message. An encrypted mux message includes encryptions for several plaintexts, each of which has a corresponding key, and the decoding software displays plaintext according to which key is used.

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